

April 28, 2013

West Fertilizer Fire – Pesticide Sample Results

Due to the potential release of pesticides stored on the facility by the fire and explosion, the EPA collected soil samples in the immediate vicinity of the site from public access areas owned by the City of West and the West Independent School District on April 21, 2013. A total of 14 composite soil samples from 12 locations were collected and analyzed for the herbicides Atrazine™ (2-chloro-4-ethylamino-6-isopropylamino-s-triazine), Grazon™ (Picloram and 2,4-D) and Roundup® (Glyphosate), and the fungicide Propiconazole (1-[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl-methyl]-1H-1,2,4-triazole). No pesticides were detected in the soil samples with the exception of Roundup®, which was detected at two locations. Roundup® was detected at a concentration of 6.6 mg/kg and 6.1 mg/kg at locations WFE01 and WFE04, respectively. These sample results of 6.6 and 6.1 mg/kg were less than the TCEQ Protective Concentration Level (PCL) for residential soils of 6,700 mg/kg for Roundup® (Glyphosate). WFE01 is a reference location located in the southern part of West and WFE04 is a location in a westerly direction from the West Fertilizer facility. This evaluation indicates that pesticides potentially released by the West Fertilizer facility do not present harm to people living in West, TX.